

Follow-up report No.3

Report reference: , Reference OIE : 12818, Report Date : 06/01/2013, Country : Nepal

Report Summary

Name of sender of the report	Dr Nar Bahadur Rajwar	Telephone	+977 1 55 22 056
Position	Director General	Fax	+977 1 55 42 915
Address	Harihar Bhawan Lalitpur Lalitpur	Email	rajwamb@yahoo.com
		Date submitted to OIE	06/01/2013

Animal type	Terrestrial	Date of report	06/01/2013
Disease	Highly pathogenic avian influenza	Date of start of the event	27/08/2012
Causal Agent	Highly pathogenic avian influenza virus	Date of pre-confirmation of the event	03/09/2012
Serotype(s)	H5N1	Date of last occurrence	30/03/2012
Reason	Reoccurrence of a listed disease	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Country or zone	the whole country	Clinical signs	Yes
Number of reported outbreaks	submitted= 7, Draft= 0		

Outbreak details

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAGMATI-other report - submitted	-	Lalitpur	Sanchal	Farm	Sanepa-2	27.689	85.302	27/08/2012	04/10/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2500	2500	2500	0	0			
Affected Population	A commercial layer farm rearing dual purpose breed of different age group.								

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAGMATI-other report - submitted	-	Bhaktapur	Bode	Farm	Madhyapur Thimi	27.696	85.393	06/10/2012	17/10/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2000	1220	1220	780	0			
Affected Population	A commercial layer farm having 2,000 birds of 1 year of age.								

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAGMATI- (this report - submitted)	-	Kathmandu	Ramkot	Farm	Ramkot 6	27.706	85.272	11/12/2012	28/12/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1968	1968	1968	0	0			
Affected Population	Broiler parent farm								

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAGMATI-other report - submitted	-	Dhading	Naubise VDC 1	Farm	Dharke	27.735	85.133	13/12/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3000	2850	2850	150	0			
Affected Population	A commercial farm with 42-day-old broiler chicken reared in a closed farm premises.								

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAGMATI- (this report - submitted)	-	Kathmandu	Sitapaila 1	Farm	Sitapaila 1	27.70579	85.274	25/12/2012	28/12/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3000	760	760	2240	0			

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Affected Population	Commercial layer farm								

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
BAGMATI- (this report - submitted)	-	Nuwakot	Chauhada 1	Farm	Raigaon	27.9061	85.2497	30/12/2012	03/01/2013
Birds	Animals	499	101	101	398	0			
Affected Population	Local birds raised in a village in a free-range system								

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
BAGMATI- (this report - submitted)	-	Kathmandu	Sitapaila 1	Farm	Sitapaila 1	27.70575	85.2749	31/12/2012	03/01/2013
Birds	Animals	3000	360	360	2640	0			
Affected Population	Commercial layer farm								

Outbreak summary: Total outbreaks = 7 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	15967	9759	9759	6208	0

Epidemiology

Epidemiological comments

Birds showed swollen head with respiratory distress and started to die. High morbidity and mortality were recorded in the affected farm. All remaining birds, poultry product and poultry production materials were destroyed and disposed as per the standard operating procedure. Cleaning and disinfection activities are being continued. Intensive surveillance activities are ongoing throughout the country.

The neuraminidase type is not yet known.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> control of wildlife reservoirs stamping out quarantine movement control inside the country screening disinfection of infected premises/establishment(s) dipping / spraying 	<ul style="list-style-type: none"> no planned control measures
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Central Veterinary Laboratory	Birds	rapid tests	23/12/2012	Positive
National laboratory	Central Veterinary Laboratory	Birds	polymerase chain reaction (PCR)	23/12/2012	Positive

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

